

**make a difference by making a change.**

Choosing products that have earned the ENERGY STAR helps fulfill our responsibility to leave this planet better than we found it — to leave our air cleaner and our environment healthier.

Visit [www.energystar.gov](http://www.energystar.gov) or call 1-888-STAR-YES (1-888-782-7937) for more information.

**change the world.**



ENERGY STAR® is a voluntary partnership between consumers, families, and manufacturers united in the pursuit of a common goal: to protect our environment for future generations by changing to energy-efficient practices today.

By choosing products that have earned the ENERGY STAR, you can help reduce energy consumption. The less we use, the less we generate, which reduces greenhouse gas emissions and improves air quality.

Make a change to ENERGY STAR and you'll be doing your part to protect our environment.



Products that have earned the ENERGY STAR have met guidelines set by the US Environmental Protection Agency and the US Department of Energy.

EPA 430-F-02-016 May 2002



consumer electronics

The energy used to power small household appliances and consumer electronics is one of the largest and fastest-growing utility costs in the country. By 2015, this category may be responsible for almost 40 percent of all household electricity use. Consumer electronics that have earned the ENERGY STAR cost about the same as less efficient models, but they substantially cut energy use and costs. In order to power features such as clock displays or remote control functions, many consumer electronics products continue to use energy even when switched off. But ENERGY STAR qualified products in the “off” position consume up to 50 percent less energy than conventional equipment.

**FACT:** IF HALF OF ALL HOUSEHOLDS IN THE US REPLACED THEIR REGULAR TV WITH AN ENERGY STAR QUALIFIED MODEL, THE CHANGE WOULD BE LIKE SHUTTING DOWN A POWER PLANT.



appliances

Appliances that have earned the ENERGY STAR save energy and help consumers save money on utility bills. For example, ENERGY STAR qualified clothes washers use about 50 percent less water and 70 percent less energy than conventional models, for annual household savings of up to \$100. ENERGY STAR qualified refrigerators, too, require about half as much energy as a 10-year-old model does. If all consumers were to purchase ENERGY STAR qualified appliances instead of standard models, they would save almost \$5 billion in energy costs over the next 15 years.

**FACT:** WHEN JUST ONE IN TEN HOMES USES ENERGY STAR QUALIFIED APPLIANCES, THE CHANGE TO OUR ATMOSPHERE WILL BE LIKE PLANTING 1.7 MILLION NEW ACRES OF TREES EVERY YEAR.



lighting

Saving energy with lighting that has earned the ENERGY STAR means saving money on utility bills. A typical household spends about \$90 per year, or 10-15 percent of its annual electric bill, on lighting—mostly due to inefficient fixtures and bulbs. On average, ENERGY STAR qualified light fixtures cost less than half as much as traditional models do to operate. And energy-efficient bulbs, known as compact fluorescents, use up to 75 percent less energy and last up to 10 times longer.

**FACT:** WHEN JUST ONE ROOM IN EVERY HOUSEHOLD IS BRIGHTENED BY ENERGY STAR QUALIFIED LIGHTING, THE CHANGE WILL REDUCE GREENHOUSE GAS EMISSIONS BY 1 TRILLION POUNDS.



new homes

New homes that have earned the ENERGY STAR perform better thanks to energy-efficient features like airtight construction and duct work, effective insulation, high-efficiency heating and cooling equipment, and high-performance windows. As a result, owners of ENERGY STAR qualified homes enjoy quieter and healthier living environments with fewer drafts, more consistent temperature levels, and better indoor air quality.

**FACT:** WHEN ONE NEW HOME IN TEN HAS EARNED THE ENERGY STAR, THE CHANGE WILL BE EQUAL TO REMOVING THE POLLUTION OF 600,000 CARS FOR ONE YEAR.

home office

Office equipment that has earned the ENERGY STAR helps eliminate wasted energy through special power management features. When equipment is not in use, it automatically enters a low-power “sleep” mode. An ENERGY STAR qualified computer in “sleep” mode consumes about 80 percent less electricity than it does in full-power mode. Overall, ENERGY STAR qualified office products use about half as much electricity as standard equipment. And using less energy keeps utility costs down. In 2000, Americans saved more than \$425 million in energy costs by using ENERGY STAR qualified office equipment in homes across the country.

**FACT:** WHEN EVERY HOME OFFICE IS POWERED BY EQUIPMENT THAT HAS EARNED THE ENERGY STAR, THE CHANGE WILL KEEP 219 BILLION POUNDS OF GREENHOUSE GASES OUT OF OUR AIR.



heating and cooling

Heating and cooling costs are a large part of home energy bills, and ENERGY STAR can provide solutions to reduce them. First, heating and cooling equipment that has earned the ENERGY STAR such as air conditioners, heat pumps, and furnaces are from 10-30 percent more efficient than conventional models. Look for the label when replacing equipment. In addition, ENERGY STAR has recommendations for appropriate sizing and installation of these units, as well as sealing and insulation levels to enhance savings. Put your home to the test. Find out where your home has room for improvement with ENERGY STAR's Home Improvement Toolbox available at [www.energystar.gov](http://www.energystar.gov).

**FACT:** IF JUST ONE HOUSEHOLD IN TEN BOUGHT ENERGY STAR HEATING AND COOLING EQUIPMENT, THE CHANGE WOULD KEEP OVER 17 BILLION POUNDS OF POLLUTION OUT OF OUR AIR.

